

ABSTRACT

For

ROUTING AREA UPDATE IN PACKET RADIO NETWORK

A method of transmitting data in a packet radio network to a mobile station performing a routing area update. The packet radio network transmits data to the mobile station via a first support node. The mobile station sends a routing area update message to a second support node, which sends to the first support node a request for context data of the mobile station from the first support node. The first support node sends from its memory, data addressed to the mobile station to the second support node. It then waits for a predetermined period of time before sending the data to the second support node. The predetermined time may be fixed, depending preferably on the quality of service of the connection used by the mobile station. Alternatively the predetermined period of time expires when the second support node sends to the first support node a separate acknowledgement message indicating that the second support node has received the context data of the mobile station.